

### REMARKS

Favorable reconsideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1-6 are currently pending in the present application, Claims 1, 2, 5, and 6 having been amended by way of the present amendment. No new matter has been added.<sup>1</sup>

In the outstanding Office Action, Claims 1 and 3-5 were rejected under 35 U.S.C. § 103(a) as unpatentable over Heimbürger (U.S. Pat. No. 5,995,154, hereinafter "Heimbürger") in view of Song, et al. (U.S. Pat. No. 7,265,791, hereinafter "Song"); and Claims 2 and 6 were indicated as allowable if rewritten in independent from.

As an initial matter, Applicant appreciatively acknowledges the identification of allowable subject matter in Claims 2 and 6.

Claim 1 has been amended to recite "the pixel data interpolation unit including an inter-field interpolation unit configured to generate the pixel data by interpolation from pixel data in a plurality of fields, and a mixture ratio setting unit configured to change the mixture ratio determined by the motion detection result of the motion detection unit and the history value such that the larger the history value is, the higher a ratio of the pixel data from the inter-field interpolation unit becomes, and the larger the amount of pixel data generated by interpolation between fields the pixel data interpolation unit mixes," Claim 5 has been amended to recite "the interpolating by mixing pixel data including inter-field interpolating by generating the pixel data by interpolation from pixel data in a plurality of fields, and setting a mixture ratio by changing the mixture ratio determined by the motion detection result of the motion detection and the history value such that the larger the history value is, the higher a ratio of the pixel data generated by the inter-field interpolating becomes, and the larger amount of pixel data generated by interpolation between fields mixes."

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<sup>1</sup> Claim 1 is amended to incorporate portions of Claim 2. Claim 5 is amended to incorporate portions of Claim 6.

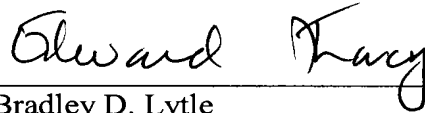
Indeed, Applicant respectfully submits that Heimbürger and Song are both silent regarding these features.

Accordingly, Applicant respectfully requests that the rejection of independent Claims 1 and 5 (and Claims 2-4, and 6 dependent therefrom, respectively) under 35 U.S.C. § 103 be withdrawn.

Consequently, in view of the present amendment and in light of the above discussions, the outstanding grounds for rejection are believed to have been overcome. The application as amended herewith is believed to be in condition for formal allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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